

Anti-S100A4 antibody (2-101) [S6MR] (STJ11101646)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

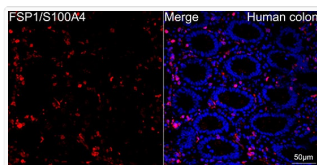
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IHC-P:1:200-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 12kDa Observed Mw: 12kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

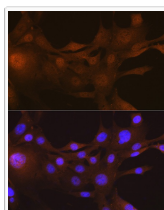
Gene ID	6275
Gene Symbol	S100A4
UniProt ID	S10A4_HUMAN
Immunogen Region	2-101
Immunogen Sequence	ACPLEKALDVMVSTFHKYSG KEGDKFKLNKSELKELLTRE LPSFLGKRTDEAAFAQKLMSN LDSNRDNEVDFQEYCVFLSC IAMMCNEFFEGFPDKQPRKK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 2-101 of human S100A4 (P26447).

ADDITIONAL INFORMATION

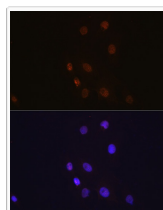
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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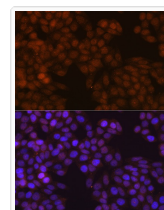
Confocal imaging of paraffin-embedded Human colon using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.



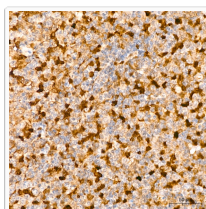
Immunofluorescence analysis of NIH-3T3 cells using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



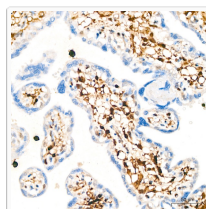
Immunofluorescence analysis of C6 cells using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



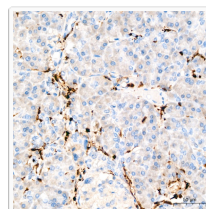
Immunofluorescence analysis of HeLa cells using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



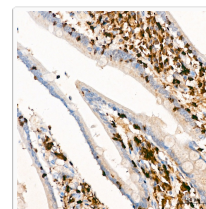
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Tris-EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



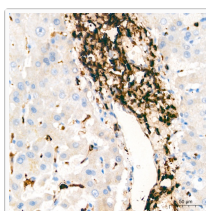
Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Tris-EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



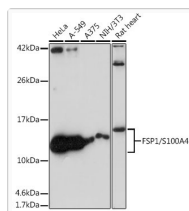
Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Tris-EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Tris-EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Tris-EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



Western blot analysis of various lysates using FSP1/S100A4 Rabbit monoclonal antibody (STJ11101646) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.